

## Report to Small Arms Section

# National Defense Industrial Association (NDIA)

## Armament Division

## 2000 Division Status

13–16 August 2001

Report Documentation Page		
<b>Report Date</b> 13Aug2001	<b>Report Type</b> N/A	<b>Dates Covered (from... to)</b> -
<b>Title and Subtitle</b> National Defense Industrial Association (NDIA) Armament Division 2000 Division Status	<b>Contract Number</b>	
	<b>Grant Number</b>	
	<b>Program Element Number</b>	
<b>Author(s)</b>	<b>Project Number</b>	
	<b>Task Number</b>	
	<b>Work Unit Number</b>	
<b>Performing Organization Name(s) and Address(es)</b> Armament Division	<b>Performing Organization Report Number</b>	
<b>Sponsoring/Monitoring Agency Name(s) and Address(es)</b> NDIA (National Defense Industrial Association) 211 Wilson Blvd, STE. 400 Arlington, VA 22201-3061	<b>Sponsor/Monitor's Acronym(s)</b>	
	<b>Sponsor/Monitor's Report Number(s)</b>	
<b>Distribution/Availability Statement</b> Approved for public release, distribution unlimited		
<b>Supplementary Notes</b> Proceedings from the 2001 Joint Services Small Arms Symposium, Exhibition & Firing Demonstration 13-16 August 2001 Sponsored by NDIA		
<b>Abstract</b>		
<b>Subject Terms</b>		
<b>Report Classification</b> unclassified	<b>Classification of this page</b> unclassified	
<b>Classification of Abstract</b> unclassified	<b>Limitation of Abstract</b> UU	
<b>Number of Pages</b> 24		

- NDIA Highlights
- Armament Division
  - Small Arms Section
- Committee of Small Arms Producers
- Government Policy Committee
- Wrap Up

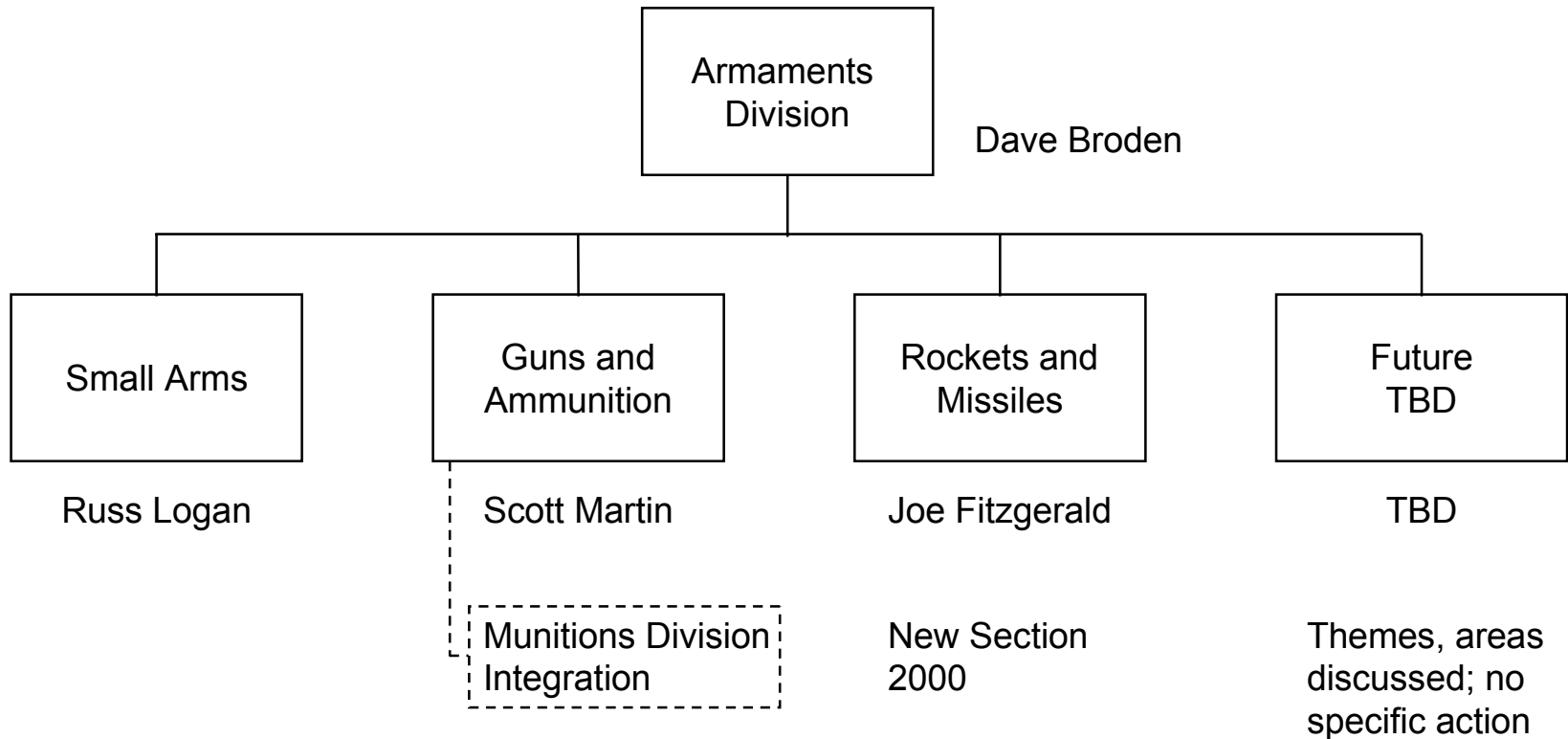
- New NDIA president: Lt. General Lawrence P. Farrell, Jr. – USAF (retired)
- Thanks for leadership of Gen. Skibbie
- Effectiveness of Government policy committee
  - Key issues
    - 2001
    - 2002 in process
- Effective division review critique — strengthen responsiveness to members
  - Ensured quality, “value added,” and effectiveness
  - Attention to strategic plan
- Effectiveness of National Defense Magazine
  - Membership use
  - DoD reference

## Superior Technology and Systems — Readiness — Affordability

Provide organizational focus to armament systems used by U.S. and allied countries and to address other topics relevant to armament systems total life cycle

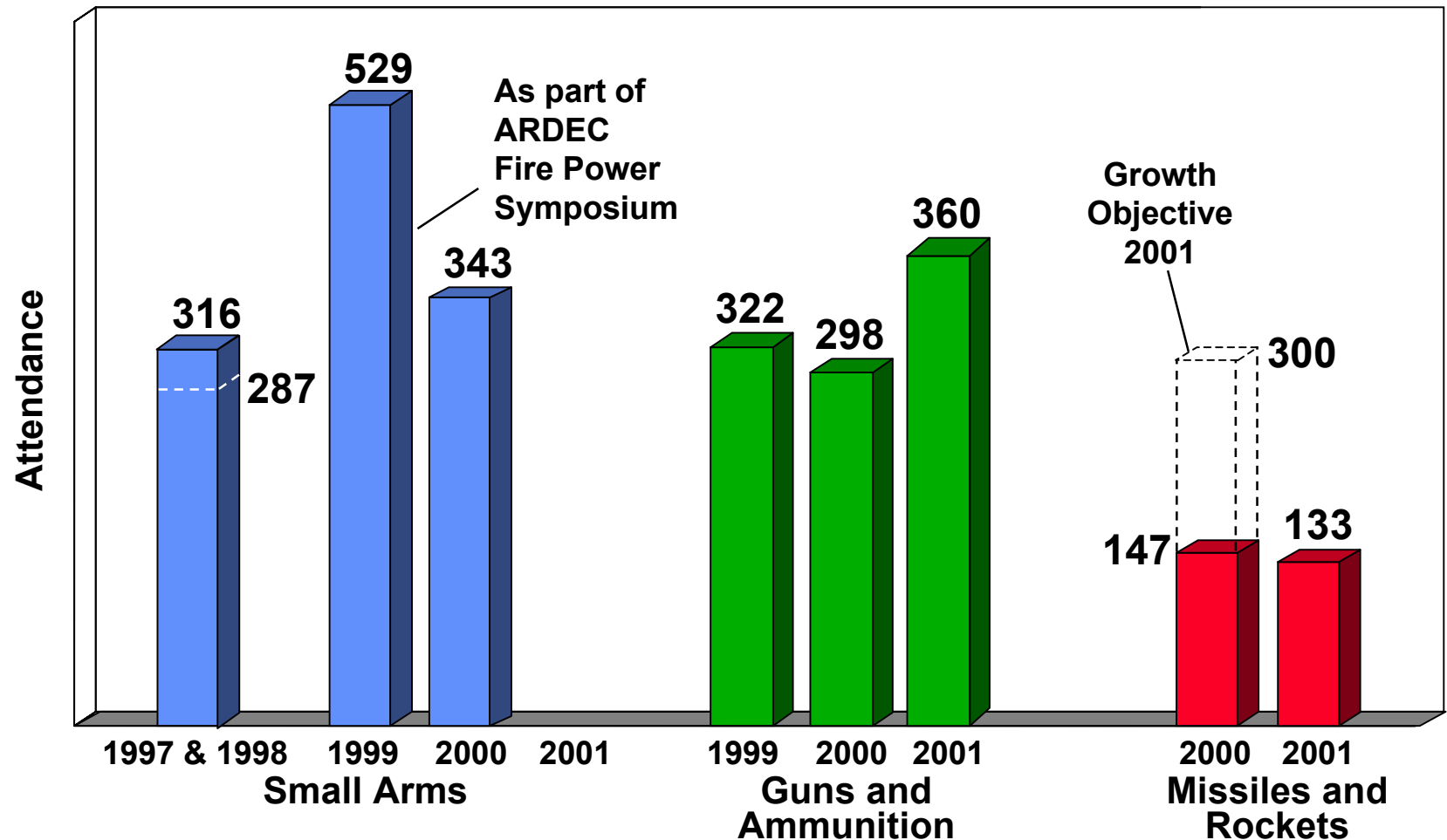
- “Lessons Learned”
  - Deficiencies/needs
  - Requirements pull/technology push
  - Development
  - Deployment
  - Operations
- } Life Cycle Focus
- International cooperation
  - Acquisition
  - Affordability
  - Supportability
- } Acquisition Management

## Objective: Coordinated Focus and Vision for Armament Systems



**Seeking Cooperation with Related Sections**

# Armament Division Attendance Summary



Core  
Attendance

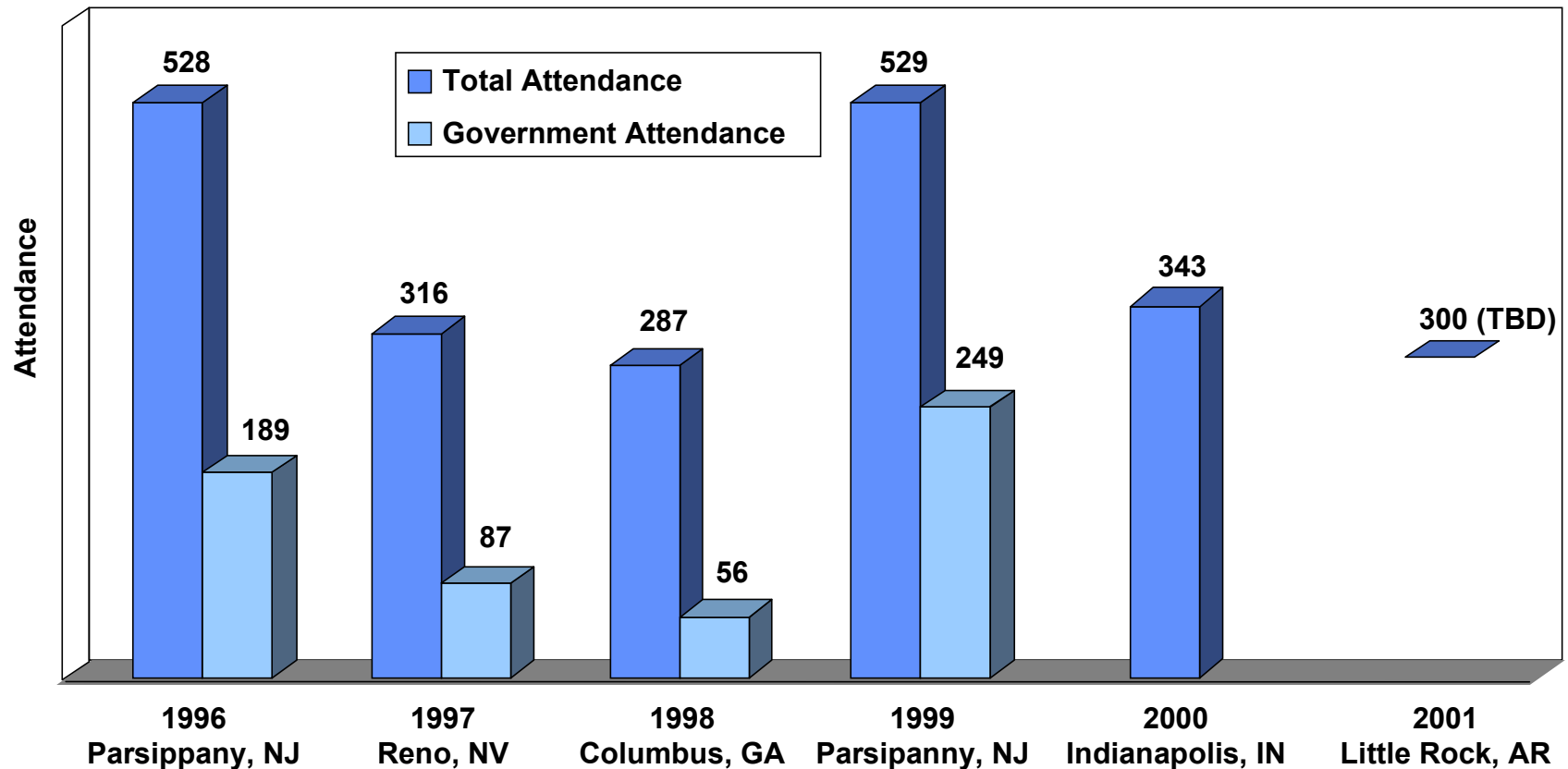
300

300

Solid Growth Potential

# Armament Division Section Attendance

## Small Arms Division





## Focus on DoD, Specific Service, or User Initiatives

- Examples:
- Transformation
  - Medium Brigade
  - Modeling and simulation → SMART
  - Training
  - Maturing the Master Plans
    - Small Arms
    - Medium Caliber

### Purpose:

- **Common** user, acquisition, developer, and industry **emphasis**
- **Clarifies** objectives, challenges, and readiness
- **Adds Value** to NDIA meetings and membership
- **Links** the community → builds partnership

**Adding Value and Interaction — Strengthen Teamwork and Readiness**

1. Maintain strong user, R&D, and production topic
2. Expand attention to
  - Training
  - Supportability
  - Synthetic Environments (SE)
    - Modeling
    - Simulation
3. Attention to relevant NDIA top issues
  - Government policy
4. Revitalize the workforce — aging transition
5. Ask question “Is acquisition process on track reflecting
  - Downsize
  - Technology evolution
  - Evolving structure?”

# Armament Division Strategic Plan 2001

## “Challenges”



- Involve the user community effectively
  - Presentations and committee membership
- Focused attention to DoD initiatives to ensure responsiveness/awareness
  - Medium brigade/transformation
  - Modeling and simulation
  - Life cycle management
- Finding relevant topics and executing Value Added STUDIES with “meaty” recommendations
- Establish synergistic dialogue with other NDIA divisions/sections
- Connecting division/section to local; chapters and establish value
- Linking to NDIA Government Policy Committee

**Response to Challenge → Ensure Value Added**  
→ **Establish Partnerships**  
→ **Enhancing Readiness**

# Armament Division Strategic Plan 2001



## Vision

- Armament Division Sections relevant to DoD objectives/thrusts
- Activities which are high quality and provide value added

## Organization

- Evolve Executive Committee to leadership (not only symposium planners)
- Mentor new leadership and plan transition
- Support NDIA organization efficiency

## Meetings/Attendance

- Maintain/grow attendance 10-20% above 3 year trend
- Improve NDIA revenue
- Continue to grow exhibits
- Expand/utilize demonstration effectively — on selected basis

## Section(s)

- Solidify “Missiles and Rockets” as a Section
- Establish new relevant Section

- Communicating understanding of small arms activity/concerns
  - Technology
  - Systems
  - Training
  - Supportability
  - Requirement
  - Political impacts
- Topics relevant to total small arms systems
  - Legacy system
  - New system
  - Technology
  - Supportability
- User influence — full life cycle

**Connecting User — Acquisition — Industry  
for  
Effective Partnerships — Ensures Readiness**

- Sponsors: AMC and NDIA
- Membership
  - Industrial base
  - Government
- Quarterly meetings — specific topics
- Issue White Papers
  - Industrial base . . . . funding . . . . tie to readiness
    - Small arms is a critical resource
    - Evolving programs and technology
      - Legacy systems — ensuring readiness
      - New systems — timely transition
  - Industry access to R&D resources
    - Foreign unique armament technology
      - Import/export availability

- Procurement of Legacy systems matures in FY02–FY05
  - Spare parts and repair is key
- Procurement quantity does not support multiple sources
- Specialized process and know how exist but
  - Modern approach should be applied
  - New technology must be utilized
  - International resources
- ➔ • Insufficient rationale to protect base
- ➔ • Improvements in acquisition and management of system are needed

**CSAP Is Helping to Identify Approaches**

- Strengthening Small Arms Community
- Ensure High Level Readiness

## Key Activities

- Addressing issues related to small arms industrial base
  - Resources
  - Capability
  - Evolution
  - Product transition
- Ensuring small arms readiness
  - Modernization/recapitalization
  - Supply
  - Quality
  - Spare parts
- Ensuring small arms programs are effectively funded and transition effectively
- White Papers
- Resource and capability assessment/utilization



- A Coherent National Security Strategy for the 21<sup>st</sup> Century
- DOD Modernization
- Enhance Readiness
- Revolution in Business Affairs
- International Trade Process
- Revitalize the Defense Workforce

## Issue 1 Seeking a National Security Strategy for the 21st Century

- Ø “Peace Dividend” reductions deeply impact
  - Readiness
  - Modernization
- Ø Policy of Engagement stretches reduced forces to limit
- Ø Shortfall \$51 billion

## Recommendation

- Balance national security strategy **and** resources
  - Ensure meeting commitments

## Issue 2 DOD Modernization: Recapitalization and Transformation

- Ø Current equipment
  - Aging
  - Cost of ownership → prohibitive
- Ø Recapitalization extends life — reduces ownership cost
  - Rebuild
  - Technology insertion
  - Operational upgrades
- Ø Transformation
  - Develop forces and equipment for strategic mobility

## Recommendations

- Increase DOD top line → readiness (near term — future)
- Focus DOD to defense needs — budget effectiveness
- Robust science and technology

## Issue 3 Enhance Readiness: Training and Logistics

- Ø Training → ensures “Best Forces”
- Ø Logistics → has been **and** remains **Major Discriminator**
- Ø Modernization must be done

## Recommendations

- Acquisition policies fostering innovation in training
- Robust funding for simulation and training
- Distribution based logistics
- Improved information management

## **Issue 4 | Revolution in Business Affairs (RBA)**

- Ø Support at DOD level must evolve to grassroots
- Ø Civil–military integration change must continue
- Ø Processes must continue to change
- Ø Commercial sourcing must be encouraged

## **Recommendations**

- RBA training and education
- Change FAR to encourage commercial activity
- Oppose legislation to block commercial sources

## Issue 5 International Trade-Processes

- Ø Reform U.S. export law, regulation, processes
- Ø Reform **must** reflect defense use of commercial technology
- Ø Promote Defense Trade Security Initiative (DTSI)
- Ø Strengthen defense export loan guarantee program(s)
- Ø World Trade Organization (WTO) attention to defense products

## Recommendations

- Implement DTSI
- Annual review of export regulations
- Strengthen loan guarantees
- Support tax law changes and leverage WTO position

## Issue 6 | Revitalizing the Defense Workforce

- Ø National security workforce challenges
  - Public
  - Private
- Ø Downsizing resulted in aging cross section
- Ø Private sector does not effectively attract emerging engineering talent
- Ø Defense Science Board (DSB) guidelines for industry revitalization

## Recommendations

- Support legislation to reshape workforce (pilot program)
- Measure effect and expand pilot program
- Support implementation of DSB guidelines

- Effective annual symposium feedback → measure benefits — “Value Added”
- Ensure NDIA strategies are relevant
- Challenge each section to identify top three (3) topics requiring attention
  - Strategies
  - Issues
  - Thrusts
- Continue to seek opportunities for “shared meetings”
  - Guns and Ammunition plus ?
  - Small Arms plus ?
  - Rockets and Missiles plus ?
  - Local chapter connections?
- Identify, prepare, and communicate relevant White Papers



## NDIA Focus

### Addressing Issues Critical to Small Arms Section

## Armament Division Focus

- Strong interest and participation
- Linked to key DOD and service strategies
- Effective use of exhibits and demonstrations
- Linked to CSAP
- Government Policy Committee value added
- Transitioning membership and participation profile
  - Age distribution

### Establishing a Vision for 21<sup>st</sup> Century Partnership